

REMARKS

Claims 1 and 117-174 are pending in the present application.

First Species Election Requirement

In the Office Action mailed July 27, 2009, the Examiner imposed the following species election requirement:

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| Species 1A | The modeling comprises computation of a neural network, a Bayesian model, a generalized additive model, a support vector machine, machine learning or classification using a regression tree, as in claim 140; or |
| Species 1B | The modeling comprises boosting or adaptive boosting, as in claim 141. |

In response, Applicants hereby provisionally elect, with traverse, Species 1A. Claims 1, 117-140 and 142-174 are believed to be readable upon elected species 1A. Claims 1, 117-139, and 142-174 are believed to be generic to elected species 1A.

Second Species Election Requirement

In the Office Action mailed July 27, 2009, the Examiner imposed the following additional species election requirement:

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| Species 2A | The biopolymer is one of those listed in claim 151; or |
| Species 2B | The biopolymer is one of those listed in claim 152. |

In response, Applicants hereby provisionally elect, with traverse, Species 2B. Claims 1, 117-150, and 152-174 are believed to be readable upon elected species 2B. Claims 1, 117-150, and 153-174 are believed to be generic to elected species 2B.

Third Species Election Requirement

In the Office Action mailed July 27, 2009, the Examiner imposed the following additional species election requirement:

Species 3A The modeling comprises regressing using the equation as stated in claim 138; or

Species 3B The modeling comprises regressing using the equation as stated in claim 165.

In response, Applicants hereby provisionally elect, with traverse, Species 3B. Claims 1, 117-137 and 139-174 are believed to be readable upon elected species 3B. Claims 1, 117-137, 139-164, and 166-174 are believed to be generic to elected species 3B.

CONCLUSION

Applicants respectfully request entry of the foregoing remarks into the file of the above-identified application. If any fees are due in connection with this submission, please charge the required fee to Jones Day Deposit Account No. 50-3013.

Respectfully submitted,

Date: October 19, 2009

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